

Schedule Highlights

Dates	Time	Program
July 11	5:00 pm	Welcome Banquet
July 12	9:00 – 12:00	Bioengineering Lab
	1:00 – 5:00 pm	Renewable Energy Lab
July 13	9:00 – 12:00	Environment and Sustainability
July 14	All day	NASA, Goddard Space Center, Field Trip.
July 15	9:00 – 12:00	Robotics
	1:00 – 4:00	Campus Tours
July 16	9:00 – 12:00	Female Engineers Panel
	1:00 – 4:00 pm	Turner Construction Field Trip
	5:00 pm	Closing Banquet

Contact

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Women's Engineering Exploration

July 11 - 17 2010



About the Program

Temple University's College of Engineering is offering an exciting, one-week residential summer program for female high school students entering their sophomore, junior, or senior year. The goal of this pre-college outreach program is to increase awareness and interest among high school students in an engineering program and career. The program aims to accomplish the above mentioned goal by providing an opportunity to explore the world of engineering by interacting with faculty and students at the college while working in their research labs. Students will have opportunities to hear lectures from engineers, work on numerous engineering projects, engage in group discussions, and go on industry field trips.

This program also serves to reinforce math and science skills. Clearly, the most enjoyable part of the program for participating students is to be able to live on campus and experience college life for the entire week.

About Temple University®

Founded in 1884 by Dr. Russell Conwell, Temple College became Temple University in 1907.

As a comprehensive public research university, our 34,000 students can choose from 8 campuses and 300 academic degree programs including:

- 2 associate degree programs (Horticulture and General Studies)
- 125 bachelors programs
- 113 masters programs
- 52 doctoral programs
- 8 first-professional degree programs (dentistry, law, medicine, pharmacy, and podiatric medicine)

Our talented faculty and broad curriculum of 300 academic programs provide superior educational opportunities for academically talented and highly motivated students, without regard to their status or station in life. Temple's richly diverse student population and the dramatic growth of our residential campus community of student scholars enrich the educational and extracurricular life of our people.

While the University mainly serves students from Greater Philadelphia area, it is enlivened by a rapidly increasing number of students from across Pennsylvania, throughout the nation, and around the world. We maintain an international presence with campuses in Tokyo, Rome and programs in London, Beijing, Bombay and six other locations worldwide.

About College of Engineering

The mission of the College of Engineering is to provide an excellent educational experience for its students. This experience includes an emphasis on the technical, communication, teamwork and lifelong learning skills that graduate engineers need to succeed, in both the workplace and society in general. Our programs are structured to prepare the graduate for the professional practice of engineering and/or graduate school. The curriculum emphasizes a rigorous treatment of the mathematical and scientific approach to the solution of engineering problems. Our programs have design across the curriculum and are capped with an integrated design experience in the form of a senior project.

The college offers Bachelor of Science, Master of Science and Doctoral degree in:

- Bioengineering
- Civil and Environmental Engineering
- Electrical and Computer Engineering
- Mechanical Engineering



Future Female Engineers at work in the John. E. Tarka Design and Manufacturing Laboratory